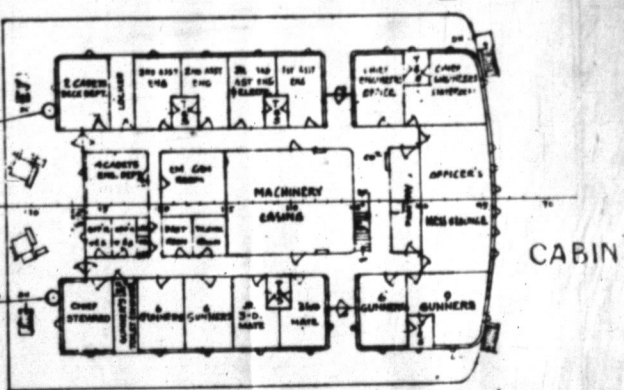
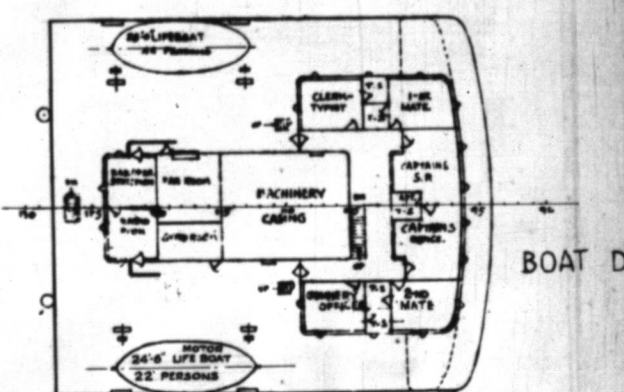
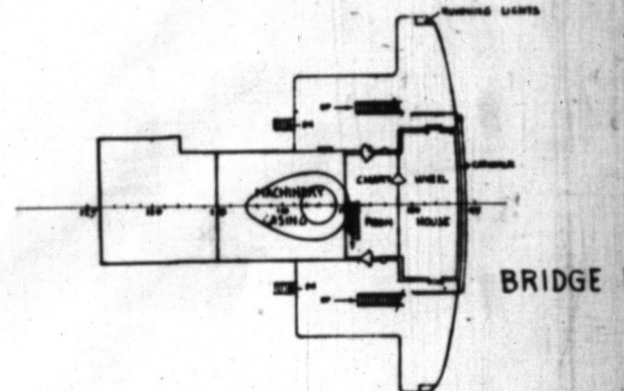
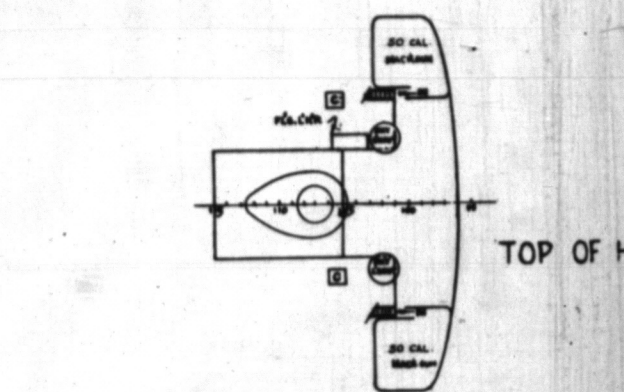
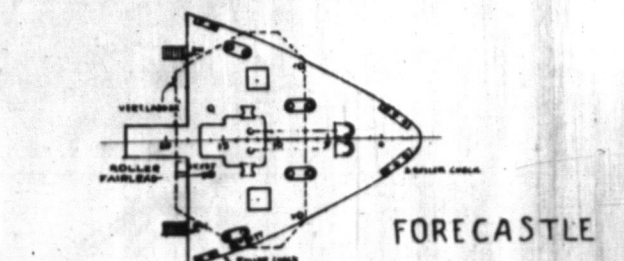
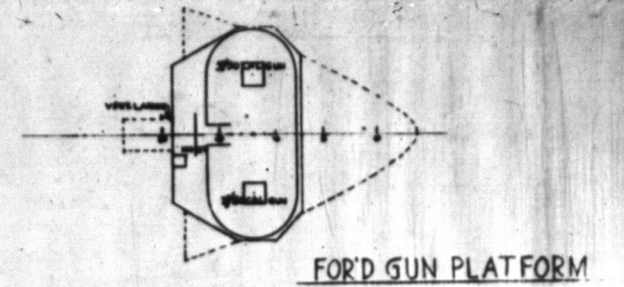
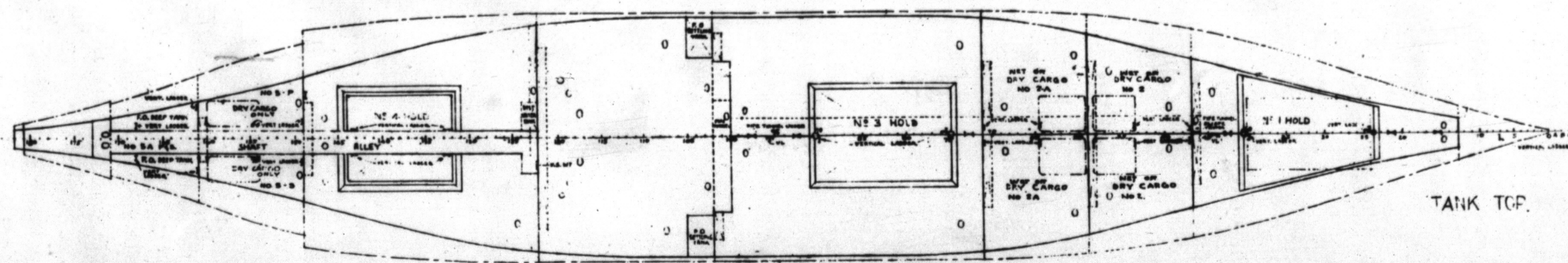
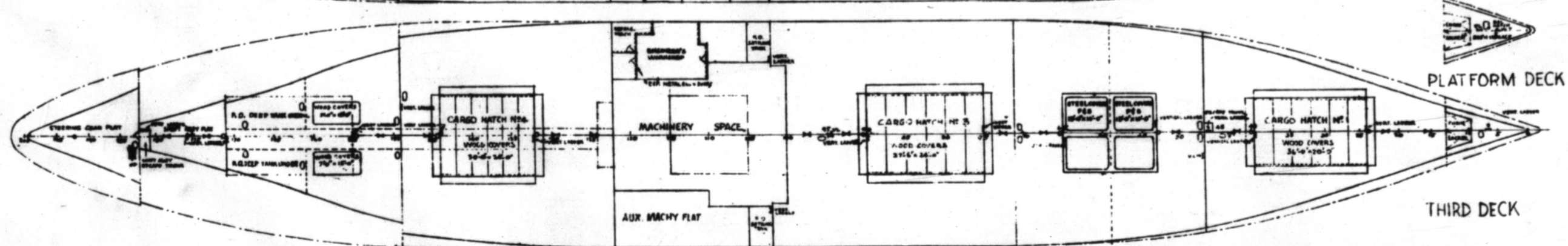
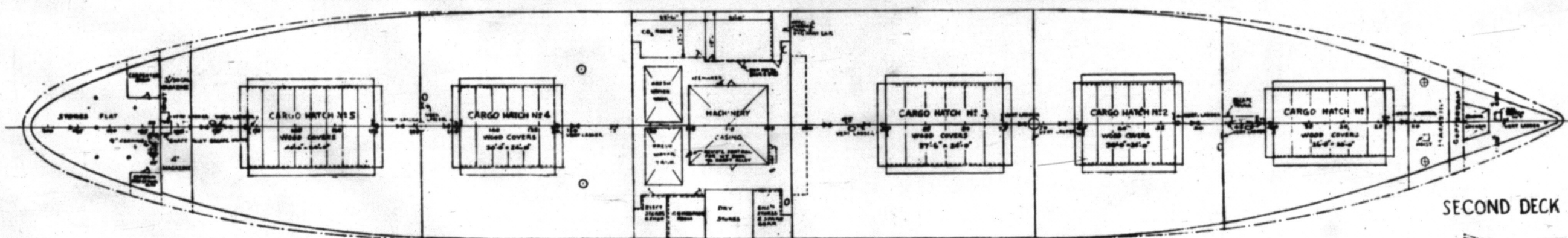
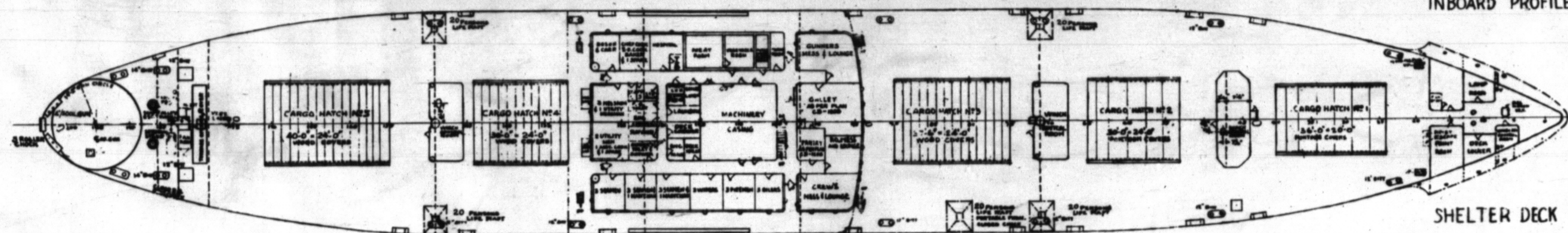
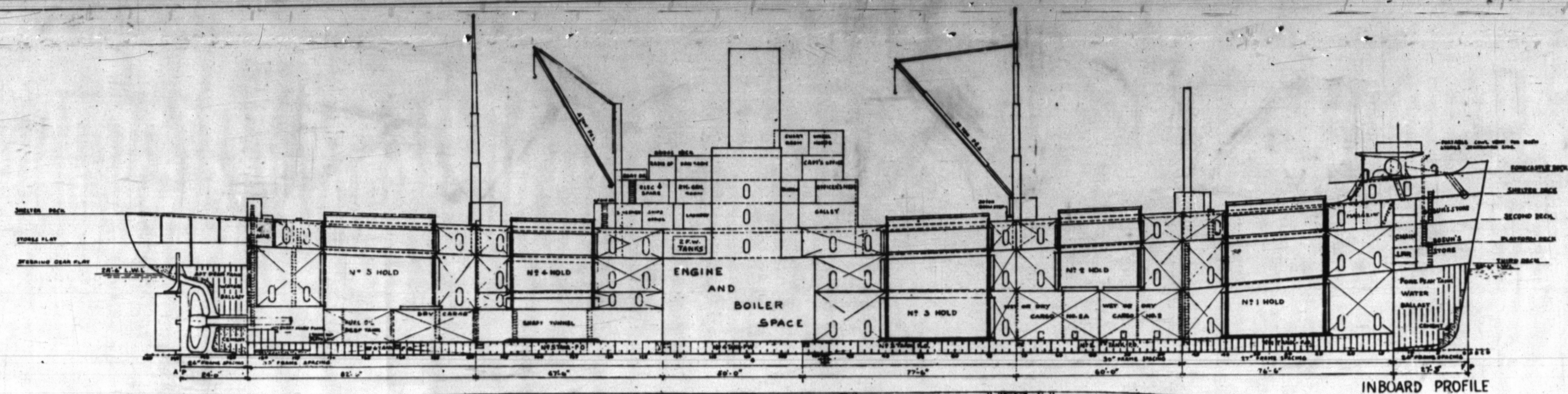






S29-1-5K

DRY CARGO						
NO.	SPACE	LOCATION FROM	C O F		GROSS	CUBIC FEET
			Y	G		
1	UPPER TWEEN	13-47	162.2 F	45.8	33,620	33,060
1	LOWER -	"	100.0 F	32.0	49,090	44,960
1	HOLD	"	161.0 F	15.3	49,430	42,610
	TOTAL				134,740	120,630
2	UPPER TWEEN	47-71	96.5 F	42.4	40,300	38,160
2	LOWER -	"	99.2 F	29.6	60,060	53,000
2	*2 DEEP TANK P.	47-59			15,490	13,030
2	" - - S.		113.5 F	13.1	15,490	12,490
2	*2A - - P.	59-71			17,320	15,430
2	" - - S.		83.0 F	13.2	17,320	14,890
	TOTAL				166,160	149,050
3	UPPERTWEEN	71-102	31.0 F	40.2	53,130	49,610
3	LOWER -	"	32.7 F	28.1	69,360	61,690
3	HOLD	"	31.5 F	13.1	89,480	80,100
	TOTAL				211,970	191,600
4	UPPER TWEEN	122-149	91.9 A	39.2	49,430	46,430
4	LOWER -	"	92.6 A	28.0	56,690	50,080
4	HOLD	"	90.7 A		32,660	28,990
4	STBD	"	90.7 A	13.7	31,440	27,740
	TOTAL				170,240	153,140
5	UPPER TWEEN	146-176	160.2 A	41.4	44,470	43,032
5	TONNAGE WELL	178-182	203.5 A	42.6	4,350	3,980
5	LOWER TWEEN	149-182	164.5 A	28.2	73,110	67,900
5	*3 DEEP TANK P.	185-191			5,320	4,160
5	" - - S.		139.7 A	10.7	4,780	3,480
	TOTAL				132,230	121,320
TOTAL DRY CARGO					813,360	736,140

FUEL OIL & WATER BALLAST								
NO	TANK	LOCATION FRAMES	C OF S L-C	C-B	GALLONS 100% FUEL	BARRELS DISPENSAL	TONS FUEL	TONS WATER
1	DOUBLE BOTTOM	R 13-47	160.8A	2.9	23, 00			
1	" " S	"			23,500	348	827	89.7
2	" " S	P 47-71	96.3A	2.4	34,800	812	122.5	132.9
2	" " S	"			43,800	1022	136.2	167.5
3	" " S	P 71-102	29.8A	2.3	63,400	1479	223.1	242.3
3	" " S	"			73,700	1766	266.4	289.1
5	" " P	113-114	87.7A	2.3	45,400	1059	159.8	173.4
5	" " S	"			45,400	1059	159.8	173.4
6	" " S	P 119-123	119.8A	2.4	13,700	366	53.2	60.0
6	" " S	"			15,700	366	55.2	60.0
5A	DEEP TANK	P 161-171	166.9A	10.9	16,300	427	61.4	69.9
5A	" " S	"			13,700	320	46.2	52.3
	TOTAL				416,900	9772	1474.1	1600.1
	FORD PEAK	13-FWD	214.3A	22.9				120.4
	AFT	11E-AFT	216.3A	26.2				73.6
	F.O. SETTLING	102-103	23.3A	20.1	19,200	448	67.6	
	" " S	"			19,200	448	67.6	
	TOTAL FUEL OIL OR WATER BALLAST				456,900	10,658	1607.7	1792.7

NOTES:
1. GRAIN & LIQUID CAPACITIES ARE CALCULATED FROM TOP OF INNER BOTTOM DECK OR CEILING, TO UNDERSIDE OF DECK PLATING & HATCH COVERS - TO SHELL PLATING AT SIDES - AND TO BULKHEAD PLATING AT ENDS - WITH DEDUCTIONS FOR INTERVENING STRUCTURE.

2. BALE CAPACITY IS FIGURED FROM THE TOP OF INNER BOTTOM, DECK, OR CEILING TO UNDERSIDE OF DECK, & MATCH BEAMS-TO BATTENS AT SIDE-AND TO BULKHEAD STIFFNERS OR PLATING AT ENDS. WITH DEDUCTIONS FOR INTERVENING STRUCTURE

3. EQUIVALENTS USED: -

FUEL OIL	37.23 CU. FT.
CARGO OIL	40.00 " "
FRESH WATER	36.00 " "
SALT WATER	35.00 " "
1 TON = 2240 LBS.	
42 GALS. = 1 BBL.	

CARGO OIL						
Nº	TANK	LOCATION FRAMES	C & S L.C.S.	V.C.S.	GALLONS 3000 P.M.	BARRELS EST. P.M.
2	DEEP TANK R	47-59			115,100	2686
2	" " S.	" "	113.5 F	13.1	115,100	2686
2A	" " R	59-71			128,900	3005
2A	" " S.	" "	630-F	13.2	128,900	3005
TOTAL CARGO OIL					487,000	11362

*TANKS FITTED FOR DRY CARGO BUT AVIALABLE FOR CARGO OIL

FRESH WATER						
N°	TANK	CAPACITY GALLONS	C or B N.E.G.	V.C.O.	GALLONS	TONS
4	DOUBLE BOTTOM	103-122			42,100	196.3
"	" " S "		33.0 A	2.2	42,100	196.3
4	FRESH WATER P	110-121			9,450	33.1
"	" " S "		40.8 A	36.0	9,450	33.1
	DISTILLED WATER	122-124	61.0 A	13.3	4,100	15.5
TOTAL FRESH WATER					107,200	396.3

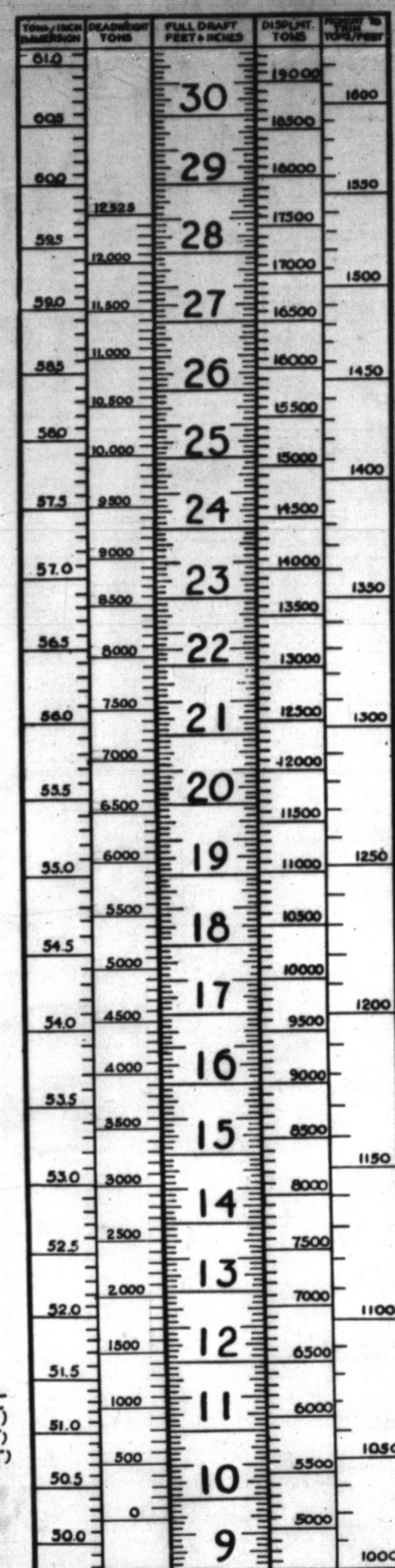
LUBRICATING OIL				
MT	TANK	GRADE	GALLONS	BARRELS
1	STORAGE	ENG. OIL	150	
1	SETTLING	"	1500	35.7
2	SERVICE	"	75 EACH	1.8 EACH
1	SUMP	"		
2	GRAVITY FEED	"	EACH	
1	KEROSENE	"		1.8

MISCELLANEOUS STORES				
SPACE	LOCATION			CUBIC FEET
	FLOOR	FRAMES	TYPE	
BOSMAN STORES	THIRD	STEEL-13	S	1380
"	PLATFORM	"	"	1400
"	SECOND	"	"	2850
DECK LOCKER	SHELTER	8-13	S	700
SPARE GEAR	SECOND	102-107	"	1810
DRY STORES	"	107-115	"	1925
REFRIGERATED STORES				
Tenille Box Bureau & Co.	SHELTER	104-106	P	107
VEGETABLES	"	106-112	"	640
VEGETABLES & POT.	"	106-109	"	283
MEAT	"	112-117	"	694
STORES	STOREFLAT	162-STEERN	S	9220

[illegible]

LENGTH OVER ALL	491'-7"	(491'-4")
LENGTH BETWEEN PERPENDICULARS	405'-3"	(464'-8")
MOLDED BREADTH	69'-6"	(69'-5")
MOLDED LOAD DRAFT	28'-6"	
MOLDED DEPTH TO SHELTER DECK	42'-6"	
MOLDED DEPTH TO SECOND DECK	33'-6"	
GROSS TONNAGE	7985.24	TONS
NET TONNAGE	4695.00	TONS

TRIMMING TABLE																
MEAN		FILLING AFT. PEAK		HOLD No 5 AT C of S		HOLD No 4 AT C of S		HOLD No 3 AT C of S		HOLD No 2 AT C of S		HOLD No 1 AT C of S		FILLING FOREPEAK		MEAN
DRAFT	STEM SURF	BOW RIDES	WET SURF STEM 1 FT.	BOW RIDES	WET SURF STEM 1 FT.	BOW RIDES	WET SURF STEM 1 FT.	STEM RIDES	WET SURF STEM 1 FT.	STEM RIDES	WET SURF STEM 1 FT.	STEM RIDES	WET SURF STEM 1 FT.	BOW SURF	STEM SURF	DRAFT
FEET	INCHES	INCHES	TONS	INCHES	TONS	INCHES	TONS	INCHES	TONS	INCHES	TONS	INCHES	TONS	INCHES	INCHES	FEET
12	5.1	3.3	118	69	178	4.7	398	3.1	194	5.0	129	7.6	13.7	9.7	12	
16	4.6	2.9	130	6.7	196	4.4	410	3.1	206	4.7	136	7.3	12.7	8.7	16	
20	4.1	2.6	144	6.6	216	4.0	420	3.0	216	4.4	147	6.9	11.9	7.6	20	
24	3.7	2.4	162	6.5	242	3.7	420	2.6	224	4.1	156	6.5	11.8	7.0	24	
28 1/2 W/L	3.2	2.1	186	6.4	282	3.2	410	2.0	230	3.8	160	6.0	10.8	6.2	28 1/2 W/L	
32	2.9	1.9	204	6.3	308	2.8	412	1.8	236	3.6	166	5.7	10.4	5.6	32	
36	2.7	1.7	222	6.1	334	2.3	422	1.9	243	3.3	175	5.4	9.7	5.1	36	



NOTES

STATEMENT OF LIGHTSHIP WEIGHT

THE LIGHTSHIP WEIGHT OF THE VESSEL AS DETERMINED FROM DEADWEIGHT DETERMINATION MADE ON 06/17/1948 IS 5090 LONG TONS, THIS LIGHTSHIP WEIGHT IS THE WEIGHT OF THE VESSEL COMPLETE AND READY FOR SEA IN EVERY RESPECT. IT INCLUDES THE WEIGHT OF LIQUIDS IN MACHINERY, FIRE AND SANITARY LINES, FUEL OIL SYSTEMS, SPARE PARTS, BOATSWAINS AND DECK STORES, MATTRESSES AND BEDDING.

ALSO INCLUDED ARE:

1. LIFE BOATS.

NO	LENGTH	PERSONS	HAND OR MOTOR PROPULSION	LOCATION	WEIGHT
1	24'-6"	22	MOTOR	BOAT DECK	3300 LB
1	28'-0"	44	HAND	BOAT DECK	7075 LB

2. BALLAST.

LOCATION	TYPE	WEIGHT
NONE		

3. DEFENSE FEATURES.

a. BATTERY.

NO	TYPE	LOCATION	GUN WEIGHT
2	3"/50 GAA	FR 18" PORT ABOVE SHELTER DECK	14,400 LB
2	50 CAL	FR 96" WHEEL HOUSE TOP	3,425 LB
1	4"/50 CAL	FR 195 1/2" SHELTER DECK	12,450 LB

b. PLASTIC ARMOR NONE

c. GUN SHIELDS 11,145 LB

d. GUN PLATFORMS 67,000 LB

e. AMMUNITION STORAGE

f. ADDITIONAL QUARTERS FOR GUNNERS OR OTHER PERSONNEL (EXCLUSIVE OF REALLOCATION OF ORIGINAL QUARTERS)

g. DEGAUSSING NONE

h. LIFE RAFTS AND FLOATS.

NO.	TYPE	PERSONS	LOCATION	WEIGHT
5	RAFTS	20	SHELTER DECK	8,000 LB

i. LIFE RAFT SKIDS (5) TOTAL = 9000 LB

j. SMOKE FLOATS. NONE

k. BARRAGE BALLOON INSTALLATION.

l. T.M.D. BOOMS & FITTINGS (INCL. BOOMS IF INSTALLED AT YARD, NOT OTHERWISE) NONE

m. OTHER ITEMS SPECIFICALLY DESIGNATED A DEFENSE FEATURE BY THE COMMISSION AND AUTHORIZED AS A CHANGE UNDER THE CONTRACT

STATUS OF VESSELS AT TIME OF DELIVERY BY WP&S CO.		
Disposition of Vessel		
WPAAS Vessel No.	WPAAS Status	
267	70	COMPLETED AS CARGO VESSEL
268	80	" " " "
269	81	INCOMPLETE FOR NAVY CONVERSION
270	82	" " " "
271	83	" " " "
272	84	COMPLETED AS CARGO VESSEL
273	85	INCOMPLETE FOR NAVY CONVERSION
274	86	" " " "
275	87	" " " "
276	88	" " " "
277	89	COMPLETED AS CARGO VESSEL
278	90	" " " "
279	91	COMPLETED TO ARMY TRANSPORT
280	92	" " " "
281	93	INCOMPLETE FOR NAVY CONVERSION
282	94	" " " "
283	95	COMPLETED TO ARMY TRANSPORT

[illegible]

FINISHED
CAPACITY PLAN
HULL 93 ONLY

C3-S-A2 CARGO VESSELS
U.S.M.C. HULL No. 281

BUILT FOR THE UNITED STATES MARITIME COMMISSION BY
THE WESTERN PIPE & STEEL CO.
SAN FRANCISCO, CAL.
WESTERN HULL No. 93

SCALE PER FT. $\frac{1}{8}$ " = 1'-0" DATE OCT. 7, 1947
DRAWN BY N. TIMOFEEV TRACED BY A.T. LIBBY
CHECKED BY APPROVED BY *Arthur F.*

APPROVALS

U. S. MARITIME COMMISSION PLAN No.

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